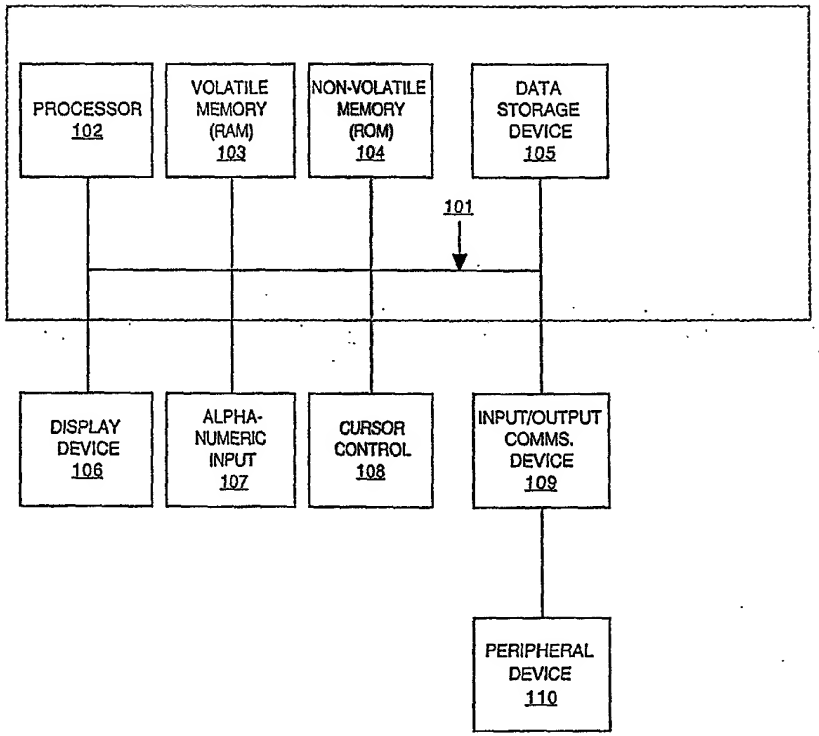
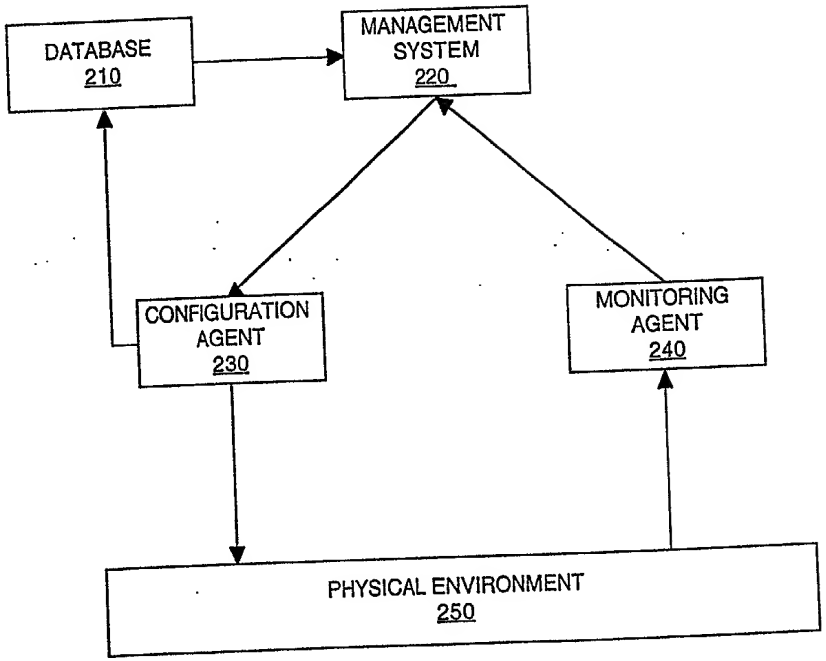
100

FIGURE 1


PROCESSOR
102
VOLATILE MEMORY (RAM)
103
NON-VOLATILE MEMORY (ROM)
104
DATA STORAGE DEVICE
105
101
DISPLAY DEVICE
106
ALPHA-NUMERIC INPUT
107
CURSOR CONTROL
108
INPUT/OUTPUT COMMS. DEVICE
109
PERIPHERAL DEVICE
110

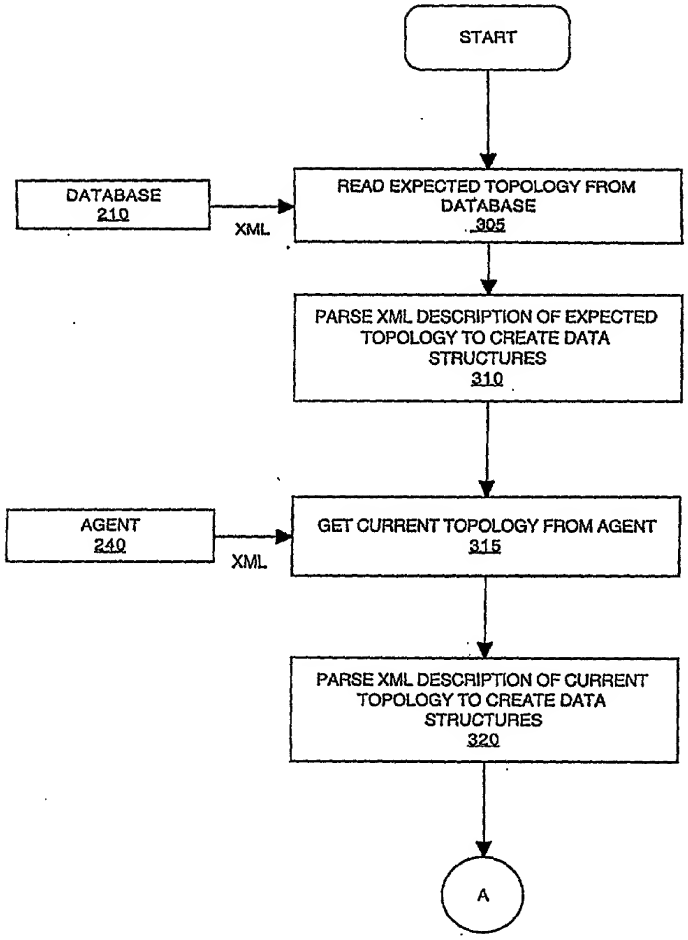
200

FIGURE 2


DATABASE
210
MANAGEMENT
SYSTEM
220
CONFIGURATION
AGENT
230
MONITORING
AGENT
240
PHYSICAL ENVIRONMENT
250

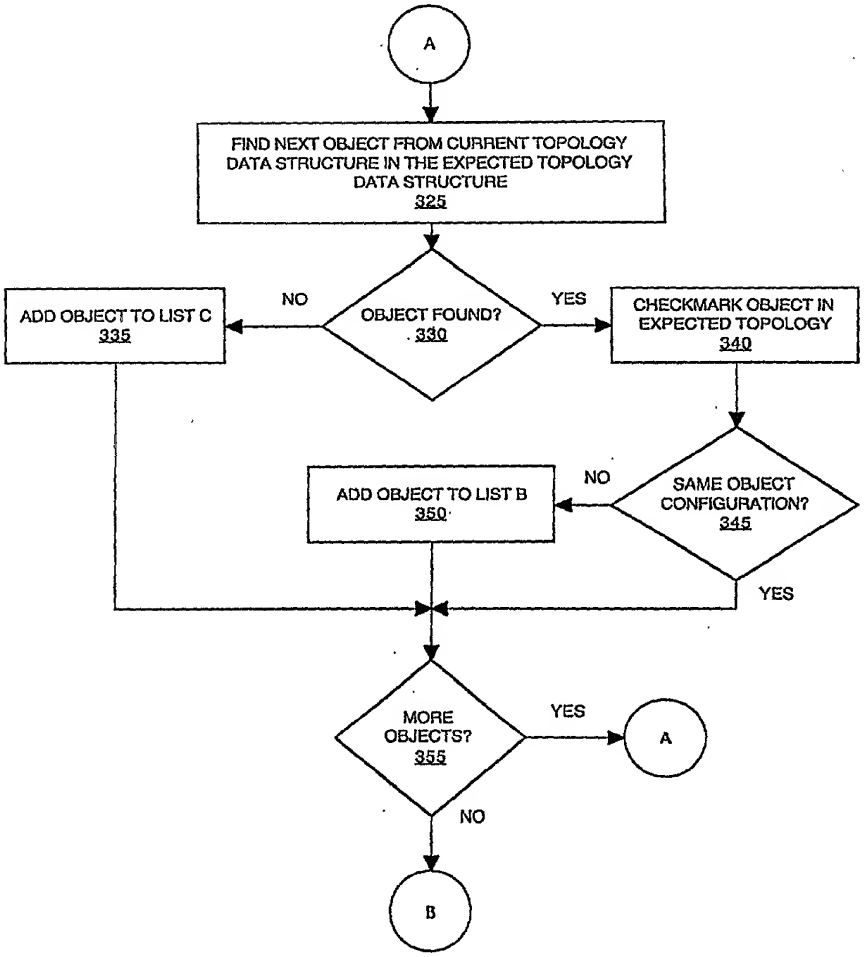
300

FIGURE 3A



300

FIGURE 3B



300

FIGURE 3C

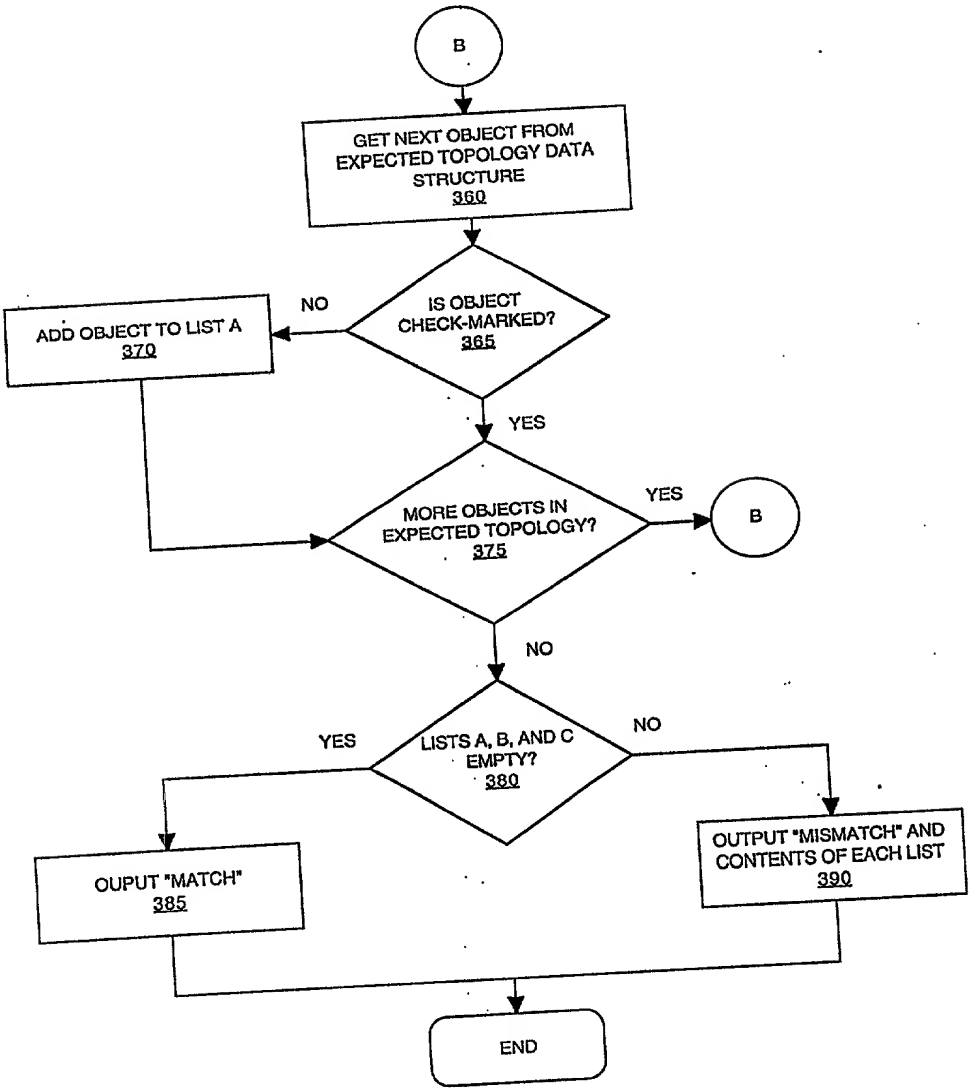


FIGURE 4

```
<?xml version="1.0" ?>
<topology name="TestBed_Topology" type="physical">
<switch name="idcsw1" ip="15.4.93.42" type="rack">
<port name="J3" linksTo="00:D0:B7:06:E7:5C" > </port>
<port name="J4" linksTo="00:D0:B7:06:E7:95" > </port>
<port name="J5" type="trunk" trunkname="Trk0" linksTo="idcsw3#Trk1" > </port>
<port name="J6" type="trunk" trunkname="Trk0" linksTo="idcsw3#Trk1" > </port>
</switch>

<switch name="idcsw2" ip="15.4.93.43" type="rack" >
<port name="J3" linksTo="00:D0:B7:06:E4:98" > </port>
<port name="J4" linksTo="00:D0:B7:20:32:86" > </port>
<port name="J5" type="trunk" trunkname="Trk0" linksTo="idcsw4#Trk0" > </port>
<port name="J6" type="trunk" trunkname="Trk0" linksTo="idcsw4#Trk0" > </port>
</switch>

<switch name="idcsw3" ip="15.4.93.44" type="edge" >
<port name="J1" type="trunk" trunkname="Trk0" linksTo="idcsw5#Trk0"> </port>
<port name="J2" type="trunk" trunkname="Trk0" linksTo="idcsw5#Trk0"> </port>
<port name="J3" type="trunk" trunkname="Trk1" linksTo="idcsw1#Trk0"> </port>
<port name="J4" type="trunk" trunkname="Trk1" linksTo="idcsw1#Trk0"> </port>
</switch>

<switch name="idcsw4" ip="15.4.93.45" type="edge">
<port name="J1" type="trunk" trunkname="Trk0" linksTo="idcsw2#Trk0"> </port>
<port name="J2" type="trunk" trunkname="Trk0" linksTo="idcsw2#Trk0"> </port>
<port name="J3" type="trunk" trunkname="Trk1" linksTo="idcsw6#Trk0"> </port>
<port name="J4" type="trunk" trunkname="Trk1" linksTo="idcsw6#Trk0"> </port>
</switch>

<switch name="idcsw5" ip="15.4.93.46" type="mesh" >
<port name="J1" type="trunk" trunkname="Trk0" linksTo="idcsw3#Trk0" ></port>
<port name="J2" type="trunk" trunkname="Trk0" linksTo="idcsw3#Trk0" ></port>
<port name="J3" type="mesh" linksTo="idcsw6#J3"> </port>
<port name="J4" type="mesh" linksTo="idcsw6#J4"> </port>
</switch>

<switch name="idcsw6" ip="15.4.93.47" type="mesh" >
<port name="J1" type="trunk" trunkname="Trk0" linksTo="idcsw4#Trk1" ></port>
<port name="J2" type="trunk" trunkname="Trk0" linksTo="idcsw4#Trk1" ></port>
<port name="J3" type="mesh" linksTo="idcsw5#J3" ></port>
<port name="J4" type="mesh" linksTo="idcsw5#J4" ></port>
</switch>

<host name="idc1" >
<interface name="1" mac="00:D0:B7:06:E7:95" linksTo="idcsw1#J4"> </interface>
<interface name="2" mac="00:D0:B7:20:32:86" linksTo="idcsw2#J4"> </interface>
</host>

<host name="idc2" >
<interface name="1" mac="00:D0:B7:06:E7:5C" linksTo="idcsw1#J3"> </interface>
<interface name="2" mac="00:D0:B7:06:E4:98" linksTo="idcsw2#J3"> </interface>
</host>
```